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Viewing 79 results

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Title	Principal Investigator	Institution	Grant Number
A General Stochastic Epigenetic Model for Evolution, Development, and Disease	feinberg, andrew p	Johns Hopkins University	DP1ES022579
A genetic approach to understanding mechanisms of epigenetic perturbation by environment	ideraabdullah, folami y	Univ Of North Carolina Chapel Hill	K22ES023849
Altered transport and epigenomic changes in maneb-potentiated neurotoxicity	roede, james r	University Of Colorado Denver	R00ES022266
Ancestral Exposures/Modern Responses to EDCs	gore, andrea c	University Of Texas, Austin	R01ES023254
Arsenic Carcinogenesis and Interference With Histone mRNA	costa, max	New York University School Of Medicine	R01ES026138
Assessing transgenerational effects of Phthalates on primordial germ cells	laird, diana j	University Of California, San Francisco	R21ES023297
Behavioral Epigenetics of Developmental Methylmercury Exposure.	newland, marshall christopher	Auburn University At Auburn	R21ES024850
Benzo[a]pyrene-induced chromatin organization and epigenomics mediated by SATB1	kohwi-shigematsu, terumi	University Of California, San Francisco	R01ES023854
Building the Foundation of Epigenomics Roadmaps	li, zhaoyu	Mayo Clinic Jacksonville	R01ES024871
CHARTING THE EPIGENOMIC LANDSCAPE OF HUMAN TRANSPOSABLE ELEMENTS	wang, ting	Washington University	R01ES024992
Chromatin Accessibility and Regulatory Network Modulation by Endocrine Disrupters	stamatoyannopoulos, john a	Altius Institute For Biomedical Sciences	R01ES023185
Computational and Biological Deconvolution of Epigenomic Datasets	ince, tan a.	University Of Miami School Of Medicine	R01ES024991
Computational methods for modeling lineage-specific gene regulation	pritchard, jonathan k	Stanford University	R01ES025009
DNA Methylation as a Biomarker of Exposure and Effect for Particles and Metals	schwartz, joel d	Harvard School Of Public Health	R01ES015172
DNA Methyltransferase Gene Expression in Colon Cancer	baylin, stephen b.	Johns Hopkins University	R01ES011858
Development of piRNAs for target-specific methylation	dolinoy, dana	University Of Michigan	R01ES026877

Developmental Regulation of Drug Processing Genes	cui, yue	University Of Washington	R01ES019487
Early Exposure to Persistent Organic Pollutants, Breast Milk Extracellular Vesicles and Abnormal Cardiometabolic Programming	baccarelli, andrea	Columbia University Health Sciences	R21ES027087
Early life perfluoroalkyl substance exposure & obesity: Mechanisms & phenotyping	braun, joseph m	Brown University	R01ES025214
Effects of Fetal Bisphenol A Exposure on Mouse Epigenome	susiarjo, martha	University Of Rochester	R00ES022244
Embryonic inheritance of sperm methylome after adult exposure to phthalates	pilsner, j. richard	University Of Massachusetts Amherst	R21ES026778
Environment, Imprinting, and Neurodevelopment	marsit, carmen joseph	Dartmouth College	R01ES022223
Environmental toxins and stem cell epigenetic remodeling	ohm, joyce ellen	Roswell Park Cancer Institute Corp	R01ES022030
Enzymatic Conversions of Tet-mediated Oxidation Products of 5-Methylcytosine	wang, yinsheng	University Of California Riverside	R21ES025392
Epigenetic Actions of Environmental Chemicals	waxman, david j	Boston University (Charles River Campus)	R01ES024421
Epigenetic Dysregulation by Oxidative Stress from Environmental Insults	costa, max	New York University School Of Medicine	R01ES023174
Epigenetic Mechanisms of PM-Mediated CVD Risk	whitsel, eric a.	Univ Of North Carolina Chapel Hill	R01ES020836
Epigenetic Programmers Targeted During Developmental Reprogramming	walker, cheryl l	Texas A&M University Health Science Ctr	R01ES023206
Epigenetic Regulation by Large Non-Coding RNAs in the p53 Mediated DNA Damage Res	rinn, john louis	Harvard University	R01ES020260
Epigenetic Regulation of Drug Metabolism by Developmental Exposure to PBDEs	klaassen, curtis dean	University Of Washington	R01ES025708
Epigenetic Reprogramming in Germline by Phthalates	kim, kwan hee	Washington State University	R01ES019836
Epigenetic Signatures of Developmental Reprogramming in Target and Surrogate Tissues	walker, cheryl l	Texas A&M University Health Science Ctr	U01ES026719
Epigenetic Transgenerational Endocrine Disruptor Actions	skinner, michael k	Washington State University	R01ES012974
Epigenetic reactivation of human club cell protein 16 in COPD	fedulov, alexey v	Brigham And Women'S Hospital	R21ES025379
Epigenetic reprogramming by nickel through chromatin domain disruption	cuddapah, suresh	New York University School Of Medicine	R01ES024727

Epigenomic control of RNA splicing	xing, yi	University Of California Los Angeles	R01ES024995
Epigenomic drivers of human muscle progenitor cells in development and disease	wagers, amy jo	Harvard University	R01ES024935
Epigenomics of Air Pollution driven Inflammation, Obesity and Insulin Resistance	biswal, shyam	Johns Hopkins University	U01ES026721
Exposure-altered gene expression in five candidate imprinted loci for adult disease	wang, zhibin	Johns Hopkins University	R01ES025761
Genes, genomes, and genotoxicity: in vivo epigenetic toxicology of 1,3-butadiene	furey, terrence s.	Univ Of North Carolina Chapel Hill	R01ES023195
Histone Lysine Crotonylation in Paternal Epigenetic Inheritance	namekawa, satoshi	Cincinnati Childrens Hosp Med Ctr	R21ES027117
Human Pesticide Exposure and Epigenetic Changes in Sperm DNA	taylor, robert n	Wake Forest University Health Sciences	R01ES025066
Identifying the Epigenetic Regulation of Arsenic Exposure	tackett, alan jackson	Univ Of Arkansas For Med Scis	R21ES025268
Integrating epigenomic maps to predict regulatory functions of genetic variants	liu, chunyu	University Of Illinois At Chicago	R01ES024988
Integrative Analysis of Haplotype-Resolved Human Epigenome Maps	ren, bing	Ludwig Institute For Cancer Res Ltd	R01ES024984
Integrative analyses of reference epigenomic maps and applications	johnson, william evan	Boston University Medical Campus	R01ES025002
Integrative genomic analysis on the role of lncRNAs in the DNA damage response to	kelley, david	Harvard University	K25ES022984
Interpreting molecular role of DNA variants associated with Crohn's Disease through integrative analysis of open chromatin, epigenome and transcriptome data in diverse and relevant tissues and cells	furey, terrence s.	Univ Of North Carolina Chapel Hill	R01ES024983
LncRNA regulation of environmental response	chang, howard y	Stanford University	R01ES023168
Machine learning methods to impute and annotate epigenomic maps	noble, william stafford	University Of Washington	R01ES024917
Mechanisms and Outcomes of MMAsIII induced Alterations in Histone Acetylation	ren, xuefeng	State University Of New York At Buffalo	R01ES022629
Mechanisms of hydrogen-sulfide effects on the epigenetic landscape	miller, dana l	University Of Washington	R01ES024958
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	lasalle, janine m	University Of California At Davis	R01ES021707
MicroRNA, Environmental Exposures and Newborn Outcomes	marsit, carmen joseph	Emory University	R01ES025145
Mitochondrial epigenetics, traffic-related pollution and neonatal health	breton, carrie van doren	University Of Southern California	R21ES025870

NCoR1 and developmental expression of intestinal xenobiotic processing genes	chen, shujuan	University Of California San Diego	R21ES024818
Northwest Reference Epigenome Mapping Center	stamatoyannopoulos, john a	Altius Institute For Biomedical Sciences	U01ES017156
Novel Rad18 functions in Histone Modification and Regulation of Gene Expression	vaziri, cyrus	Univ Of North Carolina Chapel Hill	R21ES023895
Particulate matter-induced changes in DNA methylome and transcriptome	mutlu, gokhan m.	University Of Chicago	U01ES026718
Perinatal Exposures, Tissue- and Cell-specific Epigenomics, & Lifecourse Outcomes	dolinoy, dana	University Of Michigan	U01ES026697
Phthalate Exposure, Sperm DNA Methylation and Early-life Development	pilsner, j. richard	University Of Massachusetts Amherst	K22ES023085
Role of de novo DNMTs in Toxicant Induced Alterations in DNA Methylation	aluru, neelakanteswar	Woods Hole Oceanographic Institution	R01ES024915
Roles of Nuclear Receptors in Generation of Heritable Epimutations in Germ Cells	shioda, toshihiro	Massachusetts General Hospital	R21ES024861
Systems Toxicogenomics of Endocrine Disrupting Chemicals in Brain	aylor, david lawrence	North Carolina State University Raleigh	U01ES026717
TET1-mediated 5-hydroxymethylcytosine modification & airway hyperresponsiveness	tang, wan-yee	Johns Hopkins University	R01ES024784
THE WASHU TARGET ENVIRONMENTAL EPIGENOMICS DATA COORDINATION CENTER	wang, ting	Washington University	U24ES026699
Targeted epigenetic activation of fibroblast genes in pulmonary fibrosis	fedulov, alexey v	Brigham And Women'S Hospital	R21ES023936
The Environment and Epigenome: Interplay of Toxicants and Transposons in Mammals	faulk, christopher don	University Of Minnesota	R00ES022221
The Toxic Environment and the Epigenetics of Fetal Growth	burris, heather herson	Beth Israel Deaconess Medical Center	K23ES022242
The epigenetic mechanism of hexavalent chromium carcinogenesis	yang, chengfeng	Michigan State University	R01ES026151
The human arsenic methylation pathway	rosen, barry p.	Florida International University	R01ES023779
The role of chromatin structural and epigenetic changes in arsenic-induced gene expression	fondufe-mittendorf, yvonne nsokika	University Of Kentucky	R01ES024478
Toxin-Associated Oxidative DNA Damage Initiates Tumor-Specific Epigenetic Changes	o'hagan, heather m	Indiana Univ-Purdue Univ At Indianapolis	R01ES023183

Transgenerational Inheritance of Epigenetic Effects of Polychlorinated Biphenyls	puga, alvaro	University Of Cincinnati	R21ES023319
Transgenerational actions of the endocrine disrupting compound Bisphenol A	rissman, emilie f.	North Carolina State University Raleigh	R01ES022759
Transgenerational effects of endocrine disruptors: epigenetics and physiology	bartolomei, marisa s.	University Of Pennsylvania	R01ES023284
Transgenerational exposures as modifiers of host defense against infection	lawrence, b. paige	University Of Rochester	R01ES023260
Transgenerational inheritance of prenatal obesogen exposure	blumberg, bruce	University Of California-Irvine	R01ES023316
tRNA fragments as transgenerational information carriers	rando, oliver j	Univ Of Massachusetts Med Sch Worcester	DP1ES025458